

Caso 8 cubo perfecto de binomios

$$\textcircled{1} \quad a^3 + 3a^2 + 3a + 1 = (a+1)^3$$
$$\begin{array}{ccccccc} \downarrow & & & & & & \\ a & 3 \cdot a^2 \cdot 1 & 3 \cdot a \cdot 1 & 1 & & & \\ & 3a^2 & 3a & 1 & & & \end{array}$$

$$\textcircled{2} \quad 27 - 27x + 9x^2 - x^3 = (3-x)^3$$
$$\begin{array}{ccccccc} \downarrow & & & & & & \\ 3 & 3 \cdot 3^2 \cdot x & 3 \cdot 3 \cdot x^2 & x^3 & & & \\ & 27x & 9x^2 & x^3 & & & \end{array}$$